UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 5,859,006
DATED : January 12, 1999
INVENTOR(S) : Alain Claude-Marie Daugan

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page, Item [54] and Column 1, line 1,
Title, "**DERIVATIVES; PROCESS**" should be -- **DERIVATIVES, PROCESS** --

Title page,
Item [30], **Foreign Application Priority Data**, "9401090" should be -- 9491090.7 --

Column 2,
Line 30, "(e.g. 1: 2 or 3)" should be -- (e.g. 1, 2 or 3) --
Line 52, "$(CH_2)_a$" should be -- $(CH_2)_n$ --
Line 63, "allyl, groups" should be -- allyl groups --

Column 3,
Line 57, " $(CH_2)_a$" should be -- $(CH_2)_n$ --

Column 4,
Line 37, "-6-3,4-" should be -- -6-(3,4- --
Line 40, "hexahydro6" should be -- hexahydro-6 --
Line 41, "[3, 4b]" should be -- [3, 4-b] --
Line 56, "(3-chloro4-" should be -- (3-chloro-4- --
Line 66, "pyrazino" should be -- pyrrolo --

Column 6,
Line 6, "allergic, asthma" should be -- allergic asthma --
Line 19, "0.5800" should be -- 0.5-800 --
Line 48, "caprylictcapric" should be -- caprylic/capric --

Column 10,
Line 44, "C_{1-3}carboxylic" should be -- C_{3-6}carboxylic --

Column 11,
Line 34, "Cis and Trans" should be -- cis and trans --
Line 45, "m.p. 90-93°C." should be -- m.p.:90-93°C. --

Column 12,
Line 3, "(4ethoxyphenyl)" should be -- (4-ethoxyphenyl) --
Line 30, "-6arboxaldehyde" should be -- -6-carboxaldehyde --
Line 65, "(dd, 1H, H-3)3.7" should be -- (dd, 1H, H-3); 3.7 --
Line 66, "(ddd, 1H, H-4)2.9" should be -- (ddd, 1H, H-4); 2.9 --
Line 66, "2.9(m, 1H-4);" should be -- 2.9 (m, 1H, H-4); --
Line 67, "m.p. 204°C." should be -- m.p.: 204°C. --

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Column 13,
Line 7, "tetrahydronaphthyl6" should be -- tetrahydronaphthyl-6 --
Line 11, "2.7(m, 2H, $\underline{CH_2}$Ar);" should be -- 2.7 (m, 4H, $C\underline{H_2}$Ar); --
Line 12, "1.7(S, 4H, $\underline{CH_2}CH_2$Ar)." should be -- 1.7 (S, 4H, $C\underline{H_2}CH_2$Ar). --
Line 23, "(S, 3H, CO_2CH_3)3.2" should be -- (S, 3H, CO_2CH_3); 3.2 --
Line 25, "11 9°C" should be -- 119°C --
Line 25, "is" should be -- isomers --
Line 29, "iso" should be -- isomers --
Line 59, "-thienyl))-" should be -- -thienyl) --

Column 14,
Line 13, "3 .1 (m, 1H, H4);" should be -- 3.1 (m, 1H, H4); --
Line 44, "4-3.9(dd, 1H, H-3)3.8" should be -- 4-3.9 (dd, 1H, H-3); 3.8 --
Line 45, "3.2-3.1(ddd, 1H, H-4)3" should be -- 3.2-3.1 (ddd, 1H, h-4); 3 --
Line 46, "1.7(brs, $_1$H, NH)" should be -- 1.7 (brs, 1H, NH) --
Line 52, "[3, 4-b[" should be -- [3, 4-b] --

Column 15,
Line 6, "[3, 4b]" should be -- [3, 4b] --
Line 11, "10.3 (S, 1H, NH-indole)9.4" should be -- 10.3 (S, 1H, NH-indole); 9.4 --
Line 13, "3.75 (S, 3H, CO_2CH_3) 3.1" should be -- 3.75 (S, 3H, CO_2CH_3); 3.1 --
Line 18, "(3-hydroxy4-" should be -- (3-hydroxy-4- --
Line 22, "3-hydroxy4-" should be -- 3-hydroxy-4- --
Line 44, ". . .CH_3)1.4" should be -- . . .CH_3); 1.4 --
Line 57, "$(Me)_2$)2.4" should be -- $(Me)_2$); 2.4 --
Line 58, "the isomer" should be -- the trans isomer --
Line 62, "(4-nitronhenyl)" should be -- (4-nitrophenyl) --

Column 16,
Line 15, "iso" should be -- isomers --
Line 25, "tetrahydro6" should be -- tetrahydro-6 --
Line 36, "[3, 4b]" should be -- [3, 4-b] --
Line 43, "(dd, 1H, H-3) 3.8" should be -- (dd, 1H, H-3); 3.8 --
Line 48, "]3, 4-b]" should be -- [3, 4-b] --

Column 17,
Line 26, "(3-chloro4-" should be -- (3-chloro-4 --
Line 29, "(3-chloro4-" should be -- (3-chloro-4 --

Column 19,
Line 49, "NA2SO_4." should be -- Na_2SO_4. --

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INVENTOR(S) : Alain Claude-Marie Daugan

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 20,
Line 36, "dropwide" should be -- dropwise --

Column 21,
Line 1, "4dihydro-" should be -- 4-dihydro- --

Column 22,
Line 21, "methylenedioxypheriyl" should be -- methylenedioxyphenyl --
Line 26, "(0,7g," should be -- (0.7 g, --
Line 37, "4dibenzyloxypnenyl)" should be -- 4-dibenzyloxyphenyl) --
Line 40, "4-b] 1indole" should be -- 4-b] indole --
Line 45, "4.95(d,2H)3.85" should be -- 4.95 (d, 2H); 3.85 --
Line 48, "(ppm) 7.6-7" should be -- (ppm): 7.6-7 --

Column 23,
Line 1, "-5 carboxaldehyde" should be -- -5-carboxaldehyde --
Line 50, "2-methyl6-" should be -- 2-methyl-6 --
Line 51, "[2'1':6.1]" should be -- [2',1':6,1] --
Line 62, "hexahydro6-" should be -- hexahydro-6- --

Column 24,
Line 6, "fluoro6" should be -- fluoro-6 --
Line 7, "2-(2.2.2-" should be -- 2-(2,2,2- --
Line 33, "4methylenedioxyphenyl" should be -- 4-methylenedioxyphenyl --
Line 63, "(2pyridyl)" should be -- (2-pyridyl) --

Column 26,
Line 8, "4b]" should be -- 4-b] --
Line 38, "butyl6" should be -- butyl-6 --

Column 27,
Line 28, "(4-fluorobenzyl)6-" should be -- (4-fluorobenzyl)-6- --
Line 40, "-pyrazino[[2'. . ." should be -- pyrazino[2' . . . --
Line 58, "N, 1 1.19%." should be -- n, 11.19% --

Column 28,
Line 29, "[3, 4b]" should be -- [3, 4-b] --
Line 50, "benzyl6" should be -- benzyl-6 --

Column 29,
Line 13, "C, 70.93," should be -- C, 70.93; --
Line 17, "hexahydro6" should be -- hexahydro-6 --
Line 42, "[3, 4b]" should be -- [3, 4-b] --

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 30,
Line 61, "1phenyl" should be -- 1-phenyl --

Column 31,
Line 16, "pyrido3, 4-b]" should be -- pyrido[3, 4-b] --
Line 52, "naphthyl))" should be -- naphthyl) --

Column 32,
Line 15, "N, 1 0.77%" should be -- N, 10.77% --
Line 26, "53.01 ;" should be -- 53.01; --
Line 36, "H, 3.81 ;" should be -- H, 3.81; --
Line 64, "[2',1':6.1]" should be -- [2',1':6,1} --

Column 33,
Line 48, "11. 98%" should be -- 11.98% --
Line 58, "N, 1.59%" should be -- N, 11.59% --

Column 34,
Line 14, "C, 73.01;H, 6.84." should be -- C; 73.01; H, 6.84; --
Line 26, "C, 71.42.H, 6.07:" should be -- C, 71.42; H, 6.07; --
Line 52, "trifluoromethoxyohenyl" should be -- trifluoromethoxyphenyl --
Lines 51-52, "butylamine" should be -- isobutylamine --

Column 38,
Line 9, "[3, 4b]" should be -- [3, 4-b] --
Lines 10-11, "cyclopentylamine" should be -- cyclohexylmethylamine --
Line 38, "buylamine" should be -- butylamine --

Column 39,
Line 8, "12,a" should be -- 12a --
Line 18, "+27.60°" should be -- +27.6° --
Line 49, "7.12," should be -- 7, 12, --

Column 40,
Lines 34-35, "6, 1-b]pyrido-[3 . . ." should be -- 6,1]pyrido[3 . . . --
Line 64, "(3.4-methylenedioxyphenyl)" should be -- (3,4-methylenedioxyphenyl) --

Column 42,
Lines 10, 24 and 52, "Pyrido" should be -- pyrido --

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

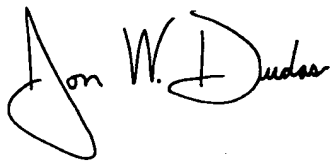
Column 44,
Line 59, "EXAMPLE 1.15" should be -- EXAMPLE 115 --
Line 60, "1,2,5,6,11, . . ." should be -- 1,2,3,5,6,11, . . . --
Line 61, "[1',2':4',5']" should be -- [1",2":4',5'] --
Line 64, "(0.8 9, 1.37 mmol)" should be -- (0.8 g, 1.37 mmol) --

Column 45,
Line 34, "dimethyl6" should be -- dimethyl-6 --
Line 43, "(2,25 mL)," should be -- (2.25 mL),--

Column 48,
Line 33, "10 th and 25 th " should be -- 10th and 25th --
Line 66, "-Antihypertensive activity in rats The hypotensive" should be -- Antihypertensive activity in rats (New line) The hypotensive --

Signed and Sealed this

Tenth Day of February, 2004



JON W. DUDAS
Acting Director of the United States Patent and Trademark Office

PATENT--FEE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

ALAIN CLAUDE-MARIE DAUGAN

Patent No. 5,859,006

Issued: January 12, 1999

Serial No. 08/669,389

Filed: July 16, 1996

For: **TETRACYCLIC DERIVATIVES, PROCESS OF PREPARATION AND USE**

Attorney Docket No. 29342/33751

I hereby certify that this paper is being deposited with the United States Postal Service with sufficient postage, as first class mail, in an envelope addressed to:
Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450.

Dated: December 16, 2003

James J. Napoli
Registration No. 32,361
Attorney for Applicants

REQUEST FOR CERTIFICATE OF CORRECTION UNDER RULES 322(a) & 323

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Patentees respectfully request a Certificate of Correction to be issued for the above-identified U.S. Patent correcting the patent as noted in the attached "Certificate of Correction" form PTO 1050. Duplicate copies of the form are attached hereto.

Errors in the patent can be verified by reference to the application as follows:

Appln. Page #	Appln. Line #	Column #	Line #	Error by
Title page	Title	Title	First column, first line	PTO
Foreign Appln. Priority Data		First page, first column	Foreign Appln. Priority Data	PTO
1	1	1	1	PTO
2	23	2	30	PTO
3	4	2	52	PTO
3	10	2	63	PTO
4	23	3	57	PTO
5	22	4	37	PTO
5	24	4	40	PTO
5	25	4	41	PTO
6	5	4	56	PTO
6	12	4	66	PTO
7	32	6	6	PTO
8	7	6	19	PTO
8	29	6	48	PTO
14	12	10	44	PTO
15	25	11	34	PTO
15	34	11	45	PTO
16	19	12	3	PTO
17	2	12	30	PTO
17	26	12	65	Applicant
17	26	12	66	Applicant
17	26	12	66	PTO
17	27	12	67	PTO
17	34	13	7	PTO
18	2	13	11	PTO
18	2	13	23	PTO
18	10	13	23	PTO
18	11	13	25	PTO
18	11	13	25	PTO
18	23	13	39	PTO
19	2	13	59	Applicant
20	6	14	44	Applicant
20	6	14	45	Applicant
20	7	14	46	PTO
20	11	14	52	PTO
20	26	15	6	PTO
20	30	15	11	Applicant
20	31	15	13	Applicant
20	32	14	13	PTO
21	1	15	18	PTO

Appln. Page #	Appln. Line #	Column #	Line #	Error by
21	4	15	22	PTO
21	21	15	44	Applicant
21	31	15	57	Applicant
21	31	15	58	PTO
22	1	15	62	PTO
22	16	16	15	PTO
22	23	16	25	PTO
22	30	16	36	PTO
23	1	16	43	Applicant
23	5	16	48	PTO
24	9	17	26	PTO
24	11	17	29	PTO
27	27	19	49	PTO
29	1	20	36	Applicant
29	24	21	1	PTO
31	21	22	21	PTO
31	24	22	26	Applicant
31	33	22	37	PTO
31	35	22	40	PTO
32	4	22	45	Applicant
32	6	22	48	PTO
32	23	23	1	PTO
33	32	23	50	PTO
33	34	23	51	PTO
34	9	23	62	PTO
34	19	24	6	PTO
34	19	24	7	PTO
35	4	24	33	PTO
35	30	24	63	PTO
37	30	26	8	PTO
38	24	26	38	PTO
40	4	27	28	PTO
40	15	27	40	PTO
40	21	27	58	PTO
41	30	28	29	PTO
42	14	28	50	PTO
43	5	29	13	PTO
43	9	29	17	PTO
43	30	29	42	PTO
45	32	30	61	PTO
46	17	31	16	PTO
47	14	31	52	Applicant
48	6	32	15	PTO

Appln. Page #	Appln. Line #	Column #	Line #	Error by
48	16	32	26	PTO
48	26	32	36	PTO
49	15	32	64	PTO
50	26	33	48	PTO
51	1	33	58	PTO
51	21	34	14	PTO
51	32	34	26	PTO
52	21	34	52	PTO
57	15	37	51-52	PTO
58	4	38	9	PTO
58	5	38	10-11	PTO
58	29	38	38	Applicant
59	29	39	8	PTO
60	4	39	18	PTO
60	31	39	49	PTO
62	13	40	34-35	PTO
63	3	40	64	PTO
64	34	42	10	PTO
65	11	42	24	PTO
65	34	42	52	PTO
69	14	44	59	PTO
69	15	44	60	PTO
69	16	44	61	PTO
69	19	44	64	PTO
70	14	45	34	PTO
70	20	45	43	Applicant
75	18	48	33	PTO
76	5	48	66	PTO

Our check in the amount of $100.00 to correct the error(s) by patentee(s) is submitted herewith.

Respectfully submitted,

MARSHALL, GERSTEIN & BORUN LLP

By 

James J. Napoli
(Registration No. 32,361)
Attorneys for Applicants
6300 Sears Tower
233 South Wacker Drive
Chicago, Illinois 60606
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Chicago, Illinois
December 16, 2003

PTO/SB/44 (02-01)
Approved for use through 01/31/2004. OMB 0651-0033
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INVENTOR(S) : **ALAIN CLAUDE-MARIE DAUGAN**

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Column 1, line 1, "Derivatives; Process" should be -- Derivatives, Process --

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Column 4, line 40, "hexahydro6" should be -- hexahydro-6 --

Column 4, line 41, "[3, 4b]" should be -- [3, 4-b] --

MAILING ADDRESS OF SENDER:
James J. Napoli, Ph.D.
MARSHALL, GERSTEIN & BORUN LLP
233 S. Wacker Drive, Suite 6300
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Chicago, Illinois 60606-6357

PATENT NO.: 5,859,006

No. of additional copies: 1

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Column 12, line 66, "(ddd, 1H, H-4)2.9" should be
-- (ddd, 1H, H-4); 2.9 --

Column 12, line 66, "2.9(m, 1H-4);" should be -- 2.9 (m, 1H, H-4); --

Column 12, line 67, "m.p. 204°C." should be -- m.p.: 204°C. --

Column 13, line 7, "tetrahydronaphthyl6" should be
-- tetrahydronaphthyl-6 --

Column 13, line 11, "2.7(m, 2H, CH_2Ar);" should be
-- 2.7 (m, 4H, CH_2Ar); --

Column 13, line 12, "1.7(S, 4H, CH_2CH_2Ar)." should be
-- 1.7 (S, 4H, CH_2CH_2Ar)."

Column 13, line 23, "(S, 3H, CO_2CH_3)3.2" should be
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Column 13, line 25, "11 9°C" should be -- 119°C --

Column 13, line 25, "is" should be -- isomers --

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Column 13, line 59, "-thienyl))-" should be -- -thienyl) --

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Column 14, line 45, "3.2-3.1(ddd, 1H, H-4)3" should be -- 3.2-3.1 (ddd, 1H, h-4); 3 --

Column 14, line 46, "1.7(brs, $_1$H, NH)" should be -- 1.7 (brs, 1H, NH) --

Column 14, line 52, "[3, 4-b[" should be -- [3, 4-b] --

Column 15, line 6, "[3, 4b]" should be -- [3, 4b] --

Column 15, line 11, "10.3(S, 1H, NH-indole)9.4" should be -- 10.3 (S, 1H, NH-indole); 9.4 --

Column 15, line 13, "3.75(S, 3H, CO_2CH_3) 3.1" should be -- 3.75 (S, 3H, CO_2CH_3); 3.1 --

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Column 15, line 22, "3-hydroxy4-" should be -- 3-hydroxy-4- --

Column 15, line 44, ". . .CH_3)1.4" should be -- . . .CH_3); 1.4 --

Column 15, line 57, "$(Me)_2$)2.4" should be -- $(Me)_2$); 2.4 --

Column 15, line 58, "the isomer" should be -- the trans isomer --

Column 15, line 62, "(4-nitronhenyl)" should be -- (4-nitrophenyl) --

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Column 16, line 25, "tetrahydro6" should be -- tetrahydro-6 --

Column 16, line 36, "[3, 4b]" should be -- [3, 4-b] --

Column 16, line 43, "(dd, 1H, H-3) 3.8" should be -- (dd, 1H, H-3); 3.8 --

MAILING ADDRESS OF SENDER:
James J. Napoli, Ph.D.
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233 S. Wacker Drive, Suite 6300
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PATENT NO.: 5,859,006

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 5,859,006

DATED : January 12, 1999

INVENTOR(S) : **ALAIN CLAUDE-MARIE DAUGAN**

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 16, line 48, "]3, 4-b]" should be -- [3, 4-b] --

Column 17, line 26, "(3-chloro4-" should be -- (3-chloro-4 --

Column 17, line 29, "(3-chloro4-" should be -- (3-chloro-4 --

Column 19, line 49, "NA2SO_4." should be -- Na_2SO_4. --

Column 20, line 36, "dropwide" should be -- dropwise --

Column 21, line 1, "4dihydro-" should be -- 4-dihydro- --

Column 22, line 21, "methylenedioxypheriyl" should be -- methylenedioxyphenyl --

Column 22, line 26, "(0,7g," should be -- (0.7 g, --

Column 22, line 37, "4dibenzyloxypnenyl)" should be -- 4-dibenzyloxyphenyl) --

Column 22, line 40, "4-b]lindole" should be -- 4-b]indole --

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Column 22, line 45, "4.95(d,2H)3.85" should be -- 4.95 (d, 2H); 3.85 --

Column 22, line 48, "(ppm) 7.6-7" should be -- (ppm): 7.6-7 --

Column 23, line 1, "-5 carboxaldehyde" should be
-- -5-carboxaldehyde --

Column 23, line 50, "2-methyl6-" should be -- 2-methyl-6 --

Column 23, line 51, "[2'1':6.1]" should be -- [2',1':6,1] --

Column 23, line 62, "hexahydro6-" should be -- hexahydro-6- --

Column 24, line 6, "fluoro6" should be -- fluoro-6 --

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Column 27, line 58, "N, 1 1.19%." should be -- n, 11.19% --

Column 28, line 29, "[3, 4b]" should be -- [3, 4-b] --

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Column 30, line 61, "1phenyl" should be -- 1-phenyl --

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Column 31, line 16, "pyrido3, 4-b]" should be -- pyrido[3, 4-b] --

Column 31, line 52, "naphthyl))" should be -- naphthyl) --

Column 32, line 15, "N, 1 0.77%" should be -- N, 10.77% --

Column 32, line 26, "53.01 ;" should be -- 53.01; --

Column 32, line 36, "H, 3.81 ;" should be -- H, 3.81; --

Column 32, line 64, "[2',1':6.1]" should be -- [2',1':6,1} --

Column 33, line 48, "11. 98%" should be -- 11.98% --

Column 33, line 58, "N, 1.59%" should be -- N, 11.59% --

Column 34, line 14, "C, 73.01;H, 6.84." should be
-- C; 73.01; H, 6.84; --

Column 34, line 26, "C, 71.42.H, 6.07:" should be
-- C, 71.42; H, 6.07; --

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Column 34, line 52, "trifluoromethoxyohenyl" should be -- trifluoromethoxyphenyl --

Column 37, lines 51-52, "butylamine" should be -- isobutylamine --

Column 38, line 9, "[3, 4b]" should be -- [3, 4-b] --

Column 38, lines 10-11, "cyclopentylamine" should be -- cyclohexylmethylamine --

Column 38, line 38, "buylamine" should be -- butylamine --

Column 39, line 8, "12,a" should be -- 12a --

Column 39, line 18, "+27.60°" should be -- +27.6° --

Column 39, line 49, "7.12," should be -- 7, 12, --

Column 40, lines 34-35, "6, 1-b]pyrido-[3 . . ." should be -- 6,1]pyrido[3 . . . --

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 40, line 64, "(3.4-methylenedioxyphenyl)" should be -- (3,4-methylenedioxyphenyl) --

Column 42, line 10, "Pyrido" should be -- pyrido --

Column 42, line 24, "Pyrido" should be -- pyrido --

Column 42, line 52, "Pyrido" should be -- pyrido --

Column 44, line 59, "EXAMPLE 1.15" should be -- EXAMPLE 115 --

Column 44, line 60, "1,2,5,6,11, . . ." should be -- 1,2,3,5,6,11, . . ."

Column 44, line 61, "[1',2':4',5']" should be -- [1",2":4',5'] --

Column 44, line 64, "(0.8 9, 1.37 mmol)" should be -- (0.8 g, 1.37 mmol) --

Column 45, line 34, "dimethyl6" should be -- dimethyl-6 --

Column 45, line 43, "(2,25 mL)," should be -- (2.25 mL), --

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 48, line 33, "10 th and 25 th " should be -- 10th and 25th --

Column 48, line 66, "-Antihypertensive activity in rats The hypotensive" should be
-- Antihypertensive activity in rats (New line) The hypotensive --

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1 of 12

PATENT NO. : 5,859,006

DATED : January 12, 1999

INVENTOR(S) : **ALAIN CLAUDE-MARIE DAUGAN**

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page) Item [54] and Col.1, line 1,

Title, ~~first column, first line~~, "Derivatives; Process" should be -- Derivatives, Process --

First page, first column, line [30], "9401090" should be -- 9491090.7 --

~~Column 1, line 1, "Derivatives; Process" should be~~ -- ~~Derivatives, Process~~

Column 2, line 30, "(e.g. 1: 2 or 3)" should be -- (e.g. 1, 2 or 3) --

Column 2, line 52, "$(CH_2)_a$" should be -- $(CH_2)_n$ --

Column 2, line 63, "allyl, groups" should be -- allyl groups --

Column 3, line 57, "$(CH_2)_a$" should be -- $(CH_2)_n$ --

Column 4, line 37, "-6-3,4-" should be -- -6-(3,4- --

Column 4, line 40, "hexahydro6" should be -- hexahydro-6 --

Column 4, line 41, "[3, 4b]" should be -- [3, 4-b] --

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INVENTOR(S) : **ALAIN CLAUDE-MARIE DAUGAN**

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 4, line 56, "(3-chloro4-" should be -- (3-chloro-4- --

Column 4, line 66, "pyrazino" should be -- pyrrolo --

Column 6, line 6, "allergic, asthma" should be -- allergic asthma --

Column 6, line 19, "0.5800" should be - 0.5-800 --

Column 6, line 48, "caprylictcapric" should be -- caprylic/capric --

Column 10, line 44, "C_{1-3}carboxylic" should be -- C_{3-6}carboxylic --

Column 11, line 34, "Cis and Trans" should be -- cis and trans --

Column 11, line 45, "m.p. 90-93°C." should be -- m.p.:90-93°C. --

Column 12, line 3, "(4ethoxyphenyl)" should be -- (4-ethoxyphenyl) --

Column 12, line 30, "-6arboxaldehyde" should be -- -6-carboxaldehyde --

Column 12, line 65, "(dd, 1H, H-3)3.7" should be
-- (dd, 1H, H-3); 3.7 --

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Column 12, line 66, "(ddd, 1H, H-4)2.9" should be -- (ddd, 1H, H-4); 2.9 --

Column 12, line 66, "2.9(m, 1H-4);" should be -- 2.9 (m, 1H, H-4); --

Column 12, line 67, "m.p. 204°C." should be -- m.p.: 204°C. --

Column 13, line 7, "tetrahydronaphthyl6" should be -- tetrahydronaphthyl-6 --

Column 13, line 11, "2.7(m, 2H, CH_2Ar);" should be -- 2.7 (m, 4H, CH_2Ar); --

Column 13, line 12, "1.7(S, 4H, CH_2CH_2Ar)." should be -- 1.7 (S, 4H, CH_2CH_2Ar)."

Column 13, line 23, "(S, 3H, CO_2CH_3)3.2" should be -- (S, 3H, CO_2CH_3); 3.2 --

Column 13, line 25, "11 9°C" should be -- 119°C --

Column 13, line 25, "is" should be -- isomers --

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Column 13, line 29, "iso" should be -- isomers --

Column 13, line 59, "-thienyl))-" should be -- -thienyl) --

Column 14, line 44, "4-3.9(dd, 1H, H-3)3.8" should be -- 4-3.9 (dd, 1H, H-3); 3.8 --

Column 14, line 45, "3.2-3.1(ddd, 1H, H-4)3" should be -- 3.2-3.1 (ddd, 1H, h-4); 3 --

Column 14, line 46, "1.7(brs, $_1$H, NH)" should be -- 1.7 (brs, 1H, NH) --

Column 14, line 52, "[3, 4-b[" should be -- [3, 4-b] --

Column 15, line 6, "[3, 4b]" should be -- [3, 4b] --

Column 15, line 11, "10.3(S, 1H, NH-indole)9.4" should be -- 10.3 (S, 1H, NH-indole); 9.4 --

Column 15, line 13, "3.75(S, 3H, CO_2CH_3) 3.1" should be -- 3.75 (S, 3H, CO_2CH_3); 3.1 --

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Column 14, line 13, "3.1(m, 1H, H4);" should be -- 3.1 (m, 1H, H4); --

Column 15, line 18, "(3-hydroxy4-" should be -- (3-hydroxy-4- --

Column 15, line 22, "3-hydroxy4-" should be -- 3-hydroxy-4- --

Column 15, line 44, ". . .CH_3)1.4" should be -- . . .CH_3); 1.4 --

Column 15, line 57, "$(Me)_2$)2.4" should be -- $(Me)_2$); 2.4 --

Column 15, line 58, "the isomer" should be -- the trans isomer --

Column 15, line 62, "(4-nitronhenyl)" should be -- (4-nitrophenyl) --

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 5,859,006

DATED : January 12, 1999

INVENTOR(S) : **ALAIN CLAUDE-MARIE DAUGAN**

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 31, line 16, "pyrido3, 4-b]" should be -- pyrido[3, 4-b] --

Column 31, line 52, "naphthyl))" should be -- naphthyl) --

Column 32, line 15, "N, 1 0.77%" should be -- N, 10.77% --

Column 32, line 26, "53.01 ;" should be -- 53.01; --

Column 32, line 36, "H, 3.81 ;" should be -- H, 3.81; --

Column 32, line 64, "[2',1':6.1]" should be -- [2',1':6,1} --

Column 33, line 48, "11. 98%" should be -- 11.98% --

Column 33, line 58, "N, 1.59%" should be -- N, 11.59% --

Column 34, line 14, "C, 73.01;H, 6.84." should be
-- C; 73.01; H, 6.84; --

Column 34, line 26, "C, 71.42.H, 6.07:" should be
-- C, 71.42; H, 6.07; --

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PATENT NO.: 5,859,006

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Column 34, line 52, "trifluoromethoxyohenyl" should be -- trifluoromethoxyphenyl --

Column 37, lines 51-52, "butylamine" should be -- isobutylamine --

Column 38, line 9, "[3, 4b]" should be -- [3, 4-b] --

Column 38, lines 10-11, "cyclopentylamine" should be -- cyclohexylmethylamine --

Column 38, line 38, "buylamine" should be -- butylamine --

Column 39, line 8, "12,a" should be -- 12a --

Column 39, line 18, "+27.60°" should be -- +27.6° --

Column 39, line 49, "7.12," should be -- 7, 12, --

Column 40, lines 34-35, "6, 1-b]pyrido-[3 . . ." should be -- 6,1]pyrido[3 . . . --

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Column 40, line 64, "(3.4-methylenedioxyphenyl)" should be -- (3,4-methylenedioxyphenyl) --

Column 42, line 10, "Pyrido" should be -- pyrido --

Column 42, line 24, "Pyrido" should be -- pyrido --

Column 42, line 52, "Pyrido" should be -- pyrido --

Column 44, line 59, "EXAMPLE 1.15" should be -- EXAMPLE 115 --

Column 44, line 60, "1,2,5,6,11, . . ." should be -- 1,2,3,5,6,11, . . ."

Column 44, line 61, "[1',2':4',5']" should be -- [1",2":4',5'] --

Column 44, line 64, "(0.8 9, 1.37 mmol)" should be -- (0.8 g, 1.37 mmol) --

Column 45, line 34, "dimethyl6" should be -- dimethyl-6 --

Column 45, line 43, "(2,25 mL)," should be -- (2.25 mL), --

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 48, line 33, "10 th and 25 th " should be -- 10th and 25th --

Column 48, line 66, "-Antihypertensive activity in rats The hypotensive" should be
-- Antihypertensive activity in rats (New line) The hypotensive --

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